

RADAR

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ABSTRACT OF THE DISCLOSURE

10 A radar suppresses a dc component so as to improve  
the precision in processing a signal that belongs to a  
low-frequency band. The radar comprises a mixer that  
mixes a transmitted signal and a received signal, and an  
A/D converter that analog-to-digital converts an output  
signal of the mixer. The radar further includes: a  
removing unit that removes a dc voltage component by  
15 subtracting a predetermined removal voltage value from  
output data of the A/D converter; and an analyzing unit  
that Fourier-transforms data, which has the dc voltage  
component removed therefrom by the removing unit, so as  
to analyze the data.